IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

DONG-KYUN SEO et al.

Serial No.:

to be assigned

Examiner:

to be assigned

Filed:

20 February 2002

Art Unit:

to be assigned

For:

METAL CATHODE AND INDIRECTLY HEATED CATHODE ASSEMBLY

HAVING THE SAME

TRANSMITTAL OF DECLARATION

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,

Robert E. Bushnell,

Attorney for the Applicant Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W. Washington, D.C. 20005 (202) 408-9040

Folio: P56645

Date: 20 February 2002

I.D.: REB/sb

PTO/SB701 (6/95)

DECLARATION

Docket No. P56645

AS A BELOW NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole (if only one name is tisted below), or an original. first and joint inventor (if plans names are listed below), of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE: METAL CATHODE AND INDIRECTLY HEATED CATHODE ASSEMBLY HAVING THE SAME

was filed in the L				
	U.S. Patent & Trademark Office on	and assigned Serial No.		
and the second				
•	was amended on			
referred to above. Facknowledge the 37 of the Code of Federal Regulation for patent or inventor's certificate, any United States provisional applies	e reviewed and understand the contents of the above- he duty to disclose information which is material to put ons §1.56. I hereby claim foreign priority benefits us or §365(a) of any PCT international application which ication(s). listed below and have also identified below.	stentability and to the examination of this applicated and Title 35, U.S. Code § 119(a)-(d) or § 365(b) or the designated at least one country other than the	ion in accordance of any foreign ap United States, or	with Titl plication(\$119(c)
date before that of the application of	in which priority is claimed:		Priority	Claime
Z001-8753	Republic of KOREA	21 February 2001	Ycs [X]	No [
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name.			Yes	Nof
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SERVICE		•		
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this ewith and with any divisional, or	ously granted powers of attorney and appoint the form. Reg. No. 37.806, to prosecute this application amonthniation, continuation-in-part, reissue or re-exampent, and to receive all patents which may issue there Robert E. Bushnell, Attorney-at-Law Suite 300, 1522 "K" Street, N.W.	d to transact all business in the U.S. Patent & Traingtion application, with full power of appointment	adomark Office of	
	Washington, D.C. 20005-1202	Arca Code: 202-408-9040		
HEREBY DECLARE that all states	ments made herein of my own knowledge are true an	d that all statements made on information and be		
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inder \$1001 of Title 18 U.S. Code as	INVENTOR: DONG-KYUN SEO	the validity of the application or any patent issue Citizenship:	ar inmediance	l, or both
ind further that these statements were under §1001 of Title 18 U.S. Code at FULL NAME OF FIRST OR SOLE	INVENTOR: DONG-KYUN SEO	the validity of the application or any patent issue Citizenship:	or imprisonment of thereon. Republic of KO	l, or both
ind further that these statements were under \$1001 of Title 18 U.S. Code at TULL NAME OF FIRST OR SOLE inventor's signature: Residence & Post Office Address: 80	INVENTOR: DONG-KYUN SEO Ong Kyu- Seo	the validity of the application or any patent issue Citizenship:	or imprisonmented thereon.	l, or both
ind further that these statements were under \$1001 of Title 18 U.S. Code at FULL NAME OF FIRST OR SOLE inventor's signature: Residence & Post Office Address: 80 Su	INVENTOR: DONG-KYUN SEO Ong Kyun Seo Ong Kyung Kyungki-do, Republic of Korea	the validity of the application or any patent issue Citizenship: Date: 18	or imprisonment of the result of KO	REA
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ind further that these statements were under \$1001 of Title 18 U.S. Code at FULL NAME OF FIRST OR SOLE inventor's signature: Residence & Post Office Address: 80 Sulful NAME OF SECOND JOINT Inventor's signature: Exception of the Address: 10 Ky	INVENTOR: DONG-KYUN SEO Of-1603, Dobsan Apl., Byukjeokgol, Younglong-don uwon-city, Kyungki-do, Republic of Korçu INVENTOR: JONG-SEO CHOI Og Seo Choi Og-2402, Hyundai Apt., 275-1, Seoksoo-dong, Manaiyungki-do, Republic of Korçu	the validity of the application or any patent issue Citizenship: Date: 18 Citizenship: Date: 18 Date: 18	or imprisonment of thereon. Republic of KO Feb. 20 Republic of KO Republic of KO Peb. 20	REA O2
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FULL NAME OF FIRST OR SOLE aventor's signature: Could not signatu	INVENTOR: DONG-KYUN SEO Of-1603, Dobsan Apt., Byukjeokgol, Youngtong-donuwon-city, Kyungki-do, Republic of Korea INVENTOR: JONG-SEO CHOI Of-2402, Hyundai Apt., 275-1, Seoksoo-dong, Manadyungki-do, Republic of Korea VENTOR: KYOUNG-CHEON SO Wang Chew Son	the validity of the application or any patent issue Citizenship: Date: 18 Citizenship: Date: 18 Citizenship: Date: 18	Republic of KO	REA O2
FULL NAME OF FIRST OR SOLE inventor's signature: Control of Title 18 U.S. Code and the signature: Control of Title 18 U.S. Code and the signature: Control of Second Joint 1 of the Address: 10 of the A	INVENTOR: DONG-KYUN SEO O6-1603, Dobsan Apt., Byukjeokgol, Youngtong-donuwon-city, Kyungki-do, Republic of Korea INVENTOR: JONG-SEO CHOI O2-2402, Hyundai Apt., 275-1, Seoksoo-dong, Manadyungki-do, Republic of Korea VENTOR: KYOUNG-CHEON SO Wang Chew Soo	the validity of the application or any patent issue Citizenship: Date: 18 Citizenship: Date: 18 N Citizenship: Date: 18 Date: 18	Republic of KO	REA O2 REA O2

Additional inventors are being named on separately numbered sheets attached hereto.

Docket No. <u>P56645</u>

DECLARATION (Page Two)

FULL NAME OF FIFTH JOINT INVENTOR:	SUNG-HWAN MOON	Citizenship: Republic of KOREA
Toxiona tombre consulations	Guld-Hwan Morn	Dule: 18 Feb. 2002
Inventor's signature: Residence & Post Office Address: 528-1804, Jinro Apt., 1 Kyungki-do, Republic	Backscohnacul, Jeongin 1-dong, Jangan-gu, Suwon-city,	Date.
FULL NAME OF SIXTH JOINT INVENTOR:		Citizenship: Republic of KOREA
Inventor's signature: Residence & Post Office Address: 234-1103, Poonelin A	Ihim foon chang	Date: 18 Feb. 2002
Residence & Post Office Address: 234-1103, Poonglim A Suwon-city, Kyungki-c	but a minger and the flat of an early flat of	
FULL NAME OF SEVENTH JOINT INVENTOR:	SEUNG-KWON HAN	Citizenship: Republic of KOREA
Inventor's signature:	Seung - Kwon Han Apt., Jamwon-dong, Scocho-gu, Scoul, Republic of Korea	Date: 18 Feb. 2002
Residence & Post Office Address: 102-302, Hanshin 2cha	Apt., Jamwon-dong, Scocho-gu, Scoul, Republic of Korea	
FULL NAME OF EIGHTH JOINT INVENTOR.		Citizenship: Republic of KOREA
Inventor's signature:	5 in buchul	Date: 18 Feb. 2002
Residence & Post Office Address: 539-21, Oksov 1-dong,	Scongdong-gu, Scoul, Republic of Korea	
FITE NAME OF NINTH JOINT INVENTOR:		Citizenship:
Inventor's signature:		Date:
Residence & Post Office Address.		
FUEL NAME OF TENTH JOINT INVENTOR:		Citizenship:
Inventor's signature: Residence & Post Office Address:		Онte:
Residence & Past Office Address		

DECLARATION

Docket No. P56645

AS A BELOW NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below), of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE: $METAL\ CATHODE\ AND\ INDIRECTLY\ HEATED\ CATHODE\ ASSEMBLY\ HAVING\ THE$ SAME

the specification of which either is a	attached hereto or otherwise accompanies t	his Declaration, or:	
was filed in the U	.S. Patent & Trademark Office on	and assigned Serial No.	
and (if applicable) W	vas amended on		
I hereby state that I have referred to above. I acknowledge the 37 of the Code of Federal Regulation for patent or inventor's certificate.	reviewed and understand the contents of the duty to disclose information which is materns §1.56. I hereby claim foreign priority bor §365(a) of any PCT International application(s), listed below and have also identification.	the above-identified specification, including the carial to patentability and to the examination of this enefits under Title 35, U.S. Code §119(a)-(d) or tion which designated at least one country other ified below any foreign applications for patent of	s application in accordance with Title §365(b) of any foreign application(s) r than the United States, or §119(e) of
date before that of the apphoanon o		21.71. 2021	Priority Claimed:
2001-8753	Republic of KOREA (Country)	21 February 2001 (Day/Month/Year filed)	Yes [X] No []
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with right		(Dow/Month/Woon filed)	Yes [] No []
(Application Number)	(Country)	(Day/Month/Year filed) nited States application(s), or §365(c) of any PC	
defined in Title 37, The Code of Finternational filing date of this appl	ederal Regulations, §1.56(a) which becam ication:	ode, §112, I acknowledge the duty to disclose in the available between the filing date of the prior	application and the national or PCT
(Application Serial No.)	(Filing Date)	(STATUS: patented, pending, abando	ned)
(Application Serial No.)	(Filing Date)	(STATUS: patented, pending, abando	1.
Reg. No. 34,973, and Darren R. Cretherewith and with any divisional, substitute an associate attorney or a	ew, Reg. No. 37,806, to prosecute this appropriation, continuation-in-part, reissue agent, and to receive all patents which may Robert E. Bushnell, Attorney-at-Law Suite 300, 1522 "K" Street, N.V Washington, D.C. 20005-1202		Patent & Trademark Office connected of appointment and with full power to ce be addressed to:
and further that these statements we	ere made with the knowledge that willful fa	ilse statements and the like so made are punishate operation or any	ble by fine or imprisonment, or both,
FULL NAME OF FIRST OR SOL	E INVENTOR: DONG-KYU	N SEO C	itizenship: Republic of KOREA
Inventor's signature:			Date:
Residence & Post Office Address:	806-1603, Doosan Apt., Byukjeokgol, You Suwon-city, Kyungki-do, Republic of Kor		
FULL NAME OF SECOND JOIN	T INVENTOR: JONG-SEO	СНОІ	itizenship: Republic of KOREA
	102-2402, Hyundai Apt., 275-1, Seoksoo-o Kyungki-do, Republic of Korea	long, Manan-gu, Anyang-city,	Date:
FULL NAME OF THIRD JOINT I	INVENTOR: KYOUNG-C	HEON SON C	itizenship: Republic of KOREA
Inventor's signature: Residence & Post Office Address:	104-308, Woncheon Hankook Apt., Maeta Suwon-city, Kyungki-do, Republic of Kor	n-dong, Paldal-gu, ea	Date:
FULL NAME OF FOURTH JOIN	T INVENTOR: KYU-NAM	J00 C	itizenship: Republic of KOREA
Inventor's signature: Residence & Post Office Address:	109-1904, Taeyoung Apt., Daeheung-dong	g, Mapo-gu, Seoul, Republic of Korea	Date:

DECLARATION (Page Two)

Docket No. <u>P56645</u>

Citizenship:

Date:

FULL NAME OF FIFTH JOINT INVENTOR: SUNG-HWAN MOON Citizenship: Republic of KOREA Inventor's signature: Date: _____ Residence & Post Office Address: 528-1804, Jinro Apt., Baekseolmaeul, Jeongja 1-dong, Jangan-gu, Suwon-city, Kyungki-do, Republic of Korea FULL NAME OF SIXTH JOINT INVENTOR: YOON-CHANG KIM Citizenship: Republic of KOREA Inventor's signature: Date: Residence & Post Office Address: 234-1103, Poonglim Apt., Hwanggolmaeul, Youngtong-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea FULL NAME OF SEVENTH JOINT INVENTOR: SEUNG-KWON HAN Citizenship: Republic of KOREA Inventor's signature: Residence & Post Office Address: 102-302, Hanshin 2cha Apt., Jamwon-dong, Seocho-gu, Seoul, Republic of Korea FULL NAME OF EIGHTH JOINT INVENTOR: BU-CHUL SIN Citizenship: Republic of KOREA Date: ____ FULL NAME OF NINTH JOINT INVENTOR: Citizenship: Inventor's signature: Date: Residence & Post Office Address: FULL NAME OF TENTH JOINT INVENTOR:

Inventor's signature:

Residence & Post Office Address: